PATENT Docket No. 5634.140

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: John C. Harvey and James W.

Cuddihy

Serial No.: 08/447,447

Filing Date: May 23, 1995

For: Signal Processing Apparatus and

Methods

Assistant Commissioner of Patents

Washington D.C. 20231

Group Art Unit: 2602

Examiner:

RECEIVEUS 95 DEC 11 PM 8: 51.

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449.

The above-referenced application claims priority under 35 U.S.C. § 120 of the following applications:

Serial No.	Filing Date	Patent No.
08/113,329	August 30, 1993	Pending
08/056,501	May 3,1993	5,335,277
07/849,226	March 10, 1992	5,233,654
07/588,126	September 25, 1990	5,109,414
07/096,096	September 11, 1987	4,965,825

Applicants believe that all references cited on the attached PTO 1449 form were cited by or submitted to the PTO in one or more of the case cited above or in U.S. Patent Application Serial No. 06/829,531, filed February 15, 1986 now U.S. Patent No. 4,704,725, U.S. Patent Application Serial No. 06/317,510, filed November 3, 1981 now U.S. Patent No. 4,694,490 and co-pending U.S. Patent Application Serial No. 08/448,143, filed May 23, 1995. Therefore, no copies of the listed references are provided herewith. Additionally, references believed to be dated in the period from November 3, 1981 through September 11, 1987 are included in the present IDS as this application only claims priority to the September 11, 1987 filing date. It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

CERTIFICATION AND/OR FEE

Since this IDS is being filed pursuant to 37 C.F.R. § 1.97(b) before the later of three months after the filing date of the above-referenced application or the date of receipt of the first Office action on the merits, no certification or fee is required.

Respectfully submitted

Dated: December 5, 1995

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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

John C. Harvey and James W. Cuddihy : Examiner:

Serial No. 08/447,447 : Group Unit: 2602

Filed 23-May-95 : Atty Dkt: 5634.140

For SIGNAL PROCESSING APPARATUS AND METHODS

COPENDING RELATED U.S. PATENT APPLICATIONS

Assistant Commissioner of Patents Washington, D.C. 20231

Sir:

Listed below are copending U.S. patent applications related to this application.

Application No.	Filing Date	Atty. Dkt.
08/113,329	30-Aug-93	5634.008
08/397,371	2-March-95	5634.017
08/397,582	2-March-95	5634.010
08/397,636	2-March-95	5634.012
08/435,757	9-May-95	5634.036
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08/437,044	9-May-95	5634.047
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08/437,819	9-May-95	5634.049
08/437,864	9-May-95	5634.038
08/437,887	9-May-95	5634.037
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•	39,670	15-May-95	5634.081
•	40,657	15-May-95	5634.051
	40,837	15-May-95	5634.059
•	41,027	16-May-95	5634.053
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•	41,575	15-May-95	5634.056
•	41,577	15-May-95	5634.080
· ·	41,701	15-May-95	5634.052
•	41,749	16-May-95	5634.082
•	41,821	16-May-95	5634.085
•	41,880	16-May-95	5634.075
•	41,942	16-May-95	5634.061
•	41,996	16-May-95	5634.086
•	42,165	16-May-95	5634.087
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	42,335	16-May-95	5634.088
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08/4	44,781	19-May-95	5634.110
08/4	44,786	19-May-95	5634.100
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•	45,294	19-May-95	5634.119
•	45,296	19-May-95	5634.105
•	45,328	19-May-95	5634.112
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•	46,124	19-May-95	5634.117
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08/447,611	23-May-95	5634.137
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08/447,826	23-May - 95	5634.126
08/447,908	23-May-95	5634.134
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	6-Jun-95	5634.267
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08/471,239	6-Jun-95	5634.283
08/471,240	6-Jun-95	5634.286
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08/478,544	7-Jun-95	5634.306
08/478,663	7-Jun-95	5634.099
08/478,767	7-Jun-95	5634.316
08/478,794	7-Jun-95	5634.347
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08/482,573	7-Jun-95	5634.096
08/482,574	7-Jun-95	5634.210
08/482,857	7-Jun-95	5634.311
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REMARKS

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a), Applicants herewith submit a reference to all related copending U.S. Patent Applications now pending before the U.S. Patent and Trademark Office.

Date: December 13, 1995

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